

TABLE A.15. UNITED STATES OF AMERICA, 1998 REVISION

UNITED STATES OF AMERICA

A. ESTIMATES

Indicator	1950	1955	1960	1965	1970	1975	1980	1985	1990	1995
Population (thousands)										
Total.....	157 813	171 074	186 158	199 796	210 111	220 165	230 406	241 855	254 076	267 020
Males.....	78 830	84 911	92 132	98 543	103 108	108 140	113 083	118 814	125 076	131 589
Females.....	78 983	86 163	94 026	101 252	107 003	112 025	117 323	123 041	128 999	135 431
Sex ratio (per 100 females).....	99.8	98.5	98.0	97.3	96.4	96.5	96.4	96.6	97.0	97.2
Age distribution:										
Percentage aged 0-4.....	10.9	11.3	11.2	10.2	8.5	7.5	7.3	7.6	7.7	7.6
Percentage aged 5-14.....	16.1	18.2	19.6	20.2	19.9	17.6	15.2	14.2	14.2	14.6
Percentage aged 15-24.....	14.9	13.0	13.6	15.7	17.4	18.7	18.6	16.5	14.4	13.3
Percentage aged 60 or over.....	12.5	13.1	13.3	13.4	14.1	14.8	15.6	16.4	16.6	16.4
Percentage aged 65 or over.....	8.3	8.8	9.2	9.5	9.8	10.5	11.2	11.8	12.4	12.5
Percentage of women aged 15-49.....	50.1	47.2	45.5	45.3	46.5	48.4	50.2	51.1	51.2	50.7
Median age (years).....	30.0	30.2	29.6	28.3	28.2	28.8	30.1	31.4	32.8	34.2
Population density (per sq km).....	17	18	20	21	22	24	25	26	27	29
	1950-1955	1955-1960	1960-1965	1965-1970	1970-1975	1975-1980	1980-1985	1985-1990	1990-1995	
Population change per year (thousands).....	2 652	3 017	2 728	2 063	2 011	2 048	2 290	2 444	2 589	
Births per year (thousands).....	3 993	4 333	4 234	3 689	3 382	3 396	3 707	3 960	4 046	
Deaths per year (thousands).....	1 562	1 679	1 814	1 947	1 984	1 949	2 035	2 169	2 307	
Population growth rate (percentage).....	1.61	1.69	1.41	1.01	0.94	0.91	0.97	0.99	0.99	
Crude birth rate (per 1,000 population).....	24.3	24.3	21.9	18.0	15.7	15.1	15.7	16.0	15.5	
Crude death rate (per 1,000 population).....	9.5	9.4	9.4	9.5	9.2	8.7	8.6	8.7	8.9	
Total fertility rate (per woman).....	3.45	3.71	3.31	2.55	2.02	1.79	1.82	1.92	2.05	
Gross reproduction rate (per woman).....	1.68	1.81	1.62	1.24	0.98	0.87	0.89	0.93	1.00	
Net reproduction rate (per woman).....	1.60	1.74	1.56	1.20	0.96	0.86	0.87	0.92	0.98	
Infant mortality rate (per 1,000 births).....	28	26	25	22	18	14	11	10	8	
Life expectancy at birth (years)										
Males.....	66.2	66.7	66.7	66.9	67.5	69.4	70.9	71.6	72.6	
Females.....	72.0	73.1	73.4	74.1	75.3	77.2	78.3	78.5	79.3	
Both sexes combined.....	69.0	69.8	70.0	70.4	71.3	73.2	74.5	74.9	75.7	

B. MEDIUM-VARIANT PROJECTIONS

	1995	2000	2005	2010	2015	2020	2025	2030	2040	2050
Population (thousands)										
Total.....	267 020	278 357	288 380	297 989	307 727	317 124	325 573	332 619	342 612	349 318
Males.....	131 589	137 177	142 093	146 799	151 593	156 159	160 163	163 417	167 964	171 286
Females.....	135 431	141 180	146 287	151 190	156 134	160 965	165 409	169 202	174 649	178 032
Sex ratio (per 100 females).....	97.2	97.2	97.1	97.1	97.1	97.0	96.8	96.6	96.2	96.2
Age distribution:										
Percentage aged 0-4.....	7.6	6.9	6.4	6.2	6.2	6.2	6.0	5.8	5.7	5.7
Percentage aged 5-14.....	14.6	14.6	13.9	12.9	12.3	12.2	12.2	12.0	11.5	11.4
Percentage aged 15-24.....	13.3	13.5	14.0	14.1	13.5	12.5	12.1	12.1	12.1	11.7
Percentage aged 60 or over.....	16.4	16.4	17.1	18.7	20.8	23.3	25.4	26.4	26.9	27.8
Percentage aged 65 or over.....	12.5	12.5	12.6	13.2	14.7	16.6	18.8	20.6	21.5	21.7
Percentage in school ages 6-11.....	8.8	8.8	8.3	7.6	7.3	7.3	7.3	7.2	6.9	6.9
Percentage in school ages 12-14.....	4.2	4.3	4.4	4.0	3.7	3.6	3.6	3.7	3.5	3.4
Percentage in school ages 15-17.....	4.0	4.2	4.3	4.2	3.8	3.6	3.6	3.7	3.6	3.5
Percentage in school ages 18-23.....	7.9	8.0	8.3	8.5	8.3	7.6	7.2	7.2	7.3	7.1
Percentage of women aged 15-49.....	50.7	49.7	48.5	46.9	45.0	43.9	43.3	43.0	42.0	41.1
Median age (years).....	34.2	35.8	37.0	37.8	38.4	39.0	39.7	40.6	41.8	42.1
Population density (per sq km).....	29	30	31	32	33	34	35	36	37	37
	1995-2000	2000-2005	2005-2010	2010-2015	2015-2020	2020-2025	2025-2030	2030-2040	2040-2050	
Population change per year (thousands).....	2 267	2 004	1 922	1 948	1 879	1 690	1 409	999	671	
Births per year (thousands).....	3 820	3 679	3 712	3 841	3 913	3 905	3 866	3 867	3 933	
Deaths per year (thousands).....	2 313	2 434	2 550	2 654	2 794	2 975	3 217	3 627	4 022	
Net migration per year (thousands).....	760	760	760	760	760	760	760	760	760	
Population growth rate (percentage).....	0.83	0.71	0.66	0.64	0.60	0.53	0.43	0.30	0.19	
Crude birth rate (per 1,000 population).....	14.0	13.0	12.7	12.7	12.5	12.2	11.7	11.4	11.4	
Crude death rate (per 1,000 population).....	8.5	8.6	8.7	8.8	8.9	9.3	9.8	10.7	11.6	
Net migration rate (per 1,000 population).....	2.8	2.7	2.6	2.5	2.4	2.4	2.3	2.2	2.2	
Total fertility rate (per woman).....	1.99	1.93	1.90	1.90	1.90	1.90	1.90	1.90	1.90	
Gross reproduction rate (per woman).....	0.97	0.94	0.93	0.93	0.93	0.93	0.93	0.93	0.93	
Net reproduction rate (per woman).....	0.96	0.93	0.91	0.92	0.92	0.92	0.92	0.92	0.92	
Infant mortality rate (per 1,000 births).....	7	7	6	6	6	6	6	5	5	
Mortality under age 5 (per 1,000 births).....	9	8	7	7	7	6	6	6	6	
Life expectancy at birth (years)										
Males.....	73.4	74.2	75.0	75.8	76.3	76.8	77.3	78.0	78.8	
Females.....	80.1	80.6	81.1	81.6	82.1	82.6	83.0	83.6	84.4	
Both sexes combined.....	76.7	77.4	78.0	78.7	79.2	79.7	80.1	80.8	81.6	

Source: United Nations Population Division, *World Population Prospects: The 1998 Revision*.

TABLE A.15 (continued)

UNITED STATES OF AMERICA

C. HIGH-VARIANT PROJECTIONS

	1995	2000	2005	2010	2015	2020	2025	2030	2040	2050
Population (thousands)										
Total.....	267 020	279 597	292 298	306 023	320 823	335 625	350 084	364 092	391 372	419 001
Males.....	131 589	137 785	144 045	150 832	158 192	165 498	172 552	179 341	192 676	206 637
Females.....	135 431	141 812	148 253	155 191	162 631	170 126	177 532	184 751	198 696	212 365
Age distribution:										
Percentage aged 0-4.....	7.6	7.0	7.0	7.2	7.4	7.3	7.1	7.1	7.2	7.2
Percentage aged 5-14.....	14.6	14.6	14.0	13.4	13.6	13.9	14.0	13.8	13.7	14.0
Percentage aged 15-24.....	13.3	13.5	13.9	13.9	13.3	12.8	12.9	13.3	13.3	13.2
Percentage aged 60 or over.....	16.4	16.3	16.9	18.3	20.0	22.1	23.7	24.3	23.9	23.6
Percentage aged 65 or over.....	12.5	12.5	12.4	12.9	14.1	15.8	17.6	19.0	19.1	18.5
Percentage of women aged 15-49.....	50.7	49.6	48.2	46.2	44.0	43.0	42.8	42.9	42.7	42.9
Median age (years).....	34.2	35.7	36.6	37.0	37.0	37.2	37.4	37.7	37.4	37.0

1995-2000 2000-2005 2005-2010 2010-2015 2015-2020 2020-2025 2025-2030 2030-2040 2040-2050

	1995	2000	2005	2010	2015	2020	2025	2030	2040	2050
Population change per year (thousands).....										
Population growth rate (percentage).....	2 516	2 540	2 745	2 960	2 960	2 892	2 802	2 728	2 763	2 763
Crude birth rate (per 1,000 population).....	0.92	0.89	0.92	0.95	0.90	0.84	0.79	0.72	0.68	0.68
Crude death rate (per 1,000 population).....	14.4	14.3	14.7	15.1	14.8	14.6	14.4	14.6	14.7	14.7
Net migration rate (per 1,000 population).....	8.5	8.5	8.6	8.5	8.6	8.7	9.1	9.7	10.1	10.1
Total fertility rate (per woman).....	3.3	3.1	3.0	2.9	2.7	2.6	2.5	2.4	2.2	2.2
Gross reproduction rate (per woman).....	2.05	2.13	2.23	2.30	2.30	2.30	2.30	2.30	2.30	2.30
Net reproduction rate (per woman).....	1.00	1.04	1.09	1.12	1.12	1.12	1.12	1.12	1.12	1.12

D. LOW-VARIANT PROJECTIONS

	1995	2000	2005	2010	2015	2020	2025	2030	2040	2050
Population (thousands)										
Total.....	267 020	276 872	284 712	291 417	297 123	301 544	304 412	305 485	301 907	292 779
Males.....	131 589	136 439	140 260	143 502	146 254	148 294	149 465	149 686	147 339	142 622
Females.....	135 431	140 433	144 452	147 916	150 870	153 249	154 947	155 799	154 568	150 157
Age distribution:										
Percentage aged 0-4.....	7.6	6.6	6.0	5.6	5.4	5.1	4.8	4.6	4.3	4.1
Percentage aged 5-14.....	14.6	14.6	13.8	12.4	11.5	11.0	10.5	10.0	9.3	8.9
Percentage aged 15-24.....	13.3	13.5	14.0	14.3	13.6	12.3	11.6	11.2	10.5	10.0
Percentage aged 60 or over.....	16.4	16.5	17.3	19.1	21.5	24.3	26.9	28.5	30.0	32.3
Percentage aged 65 or over.....	12.5	12.6	12.7	13.5	15.2	17.4	20.0	22.3	24.1	25.4
Percentage of women aged 15-49.....	50.7	49.7	48.7	47.3	45.6	44.5	43.9	43.3	41.1	38.7
Median age (years).....	34.2	35.9	37.3	38.5	39.5	40.5	41.7	43.1	45.7	47.4

1995-2000 2000-2005 2005-2010 2010-2015 2015-2020 2020-2025 2025-2030 2030-2040 2040-2050

	1995	2000	2005	2010	2015	2020	2025	2030	2040	2050
Population change per year (thousands).....										
Population growth rate (percentage).....	1 970	1 568	1 341	1 141	884	574	215	-358	-913	
Crude birth rate (per 1,000 population).....	0.73	0.56	0.47	0.39	0.30	0.19	0.07	-0.12	-0.31	
Crude death rate (per 1,000 population).....	13.5	12.1	11.4	10.8	10.2	9.7	9.2	8.6	8.2	
Net migration rate (per 1,000 population) ¹	8.5	8.7	8.8	9.0	9.3	9.7	10.4	11.8	13.3	
Total fertility rate (per woman).....	2.2	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	
Gross reproduction rate (per woman).....	1.93	1.80	1.70	1.60	1.53	1.50	1.50	1.50	1.50	
Net reproduction rate (per woman).....	0.94	0.88	0.83	0.78	0.75	0.73	0.73	0.73	0.73	

E. CONSTANT-VARIANT PROJECTIONS

	1995	2000	2005	2010	2015	2020	2025	2030	2040	2050
Population (thousands)										
Total.....	267 020	278 865	289 991	301 071	312 387	323 524	333 971	343 353	359 014	372 416
	1995-2000	2000-2005	2005-2010	2010-2015	2015-2020	2020-2025	2025-2030	2030-2040	2040-2050	
Population growth rate (percentage).....	0.87	0.78	0.75	0.74	0.70	0.64	0.55	0.45	0.37	
Crude birth rate (per 1,000 population).....	14.4	13.7	13.6	13.6	13.4	13.1	12.8	12.6	12.6	
Crude death rate (per 1,000 population).....	8.5	8.6	8.6	8.7	8.8	9.1	9.5	10.3	11.0	

Source: United Nations Population Division, *World Population Prospects: The 1998 Revision*.

TABLE A.16. UNITED STATES OF AMERICA, REPLACEMENT MIGRATION SCENARIOS

UNITED STATES OF AMERICA

Scenario	I Medium variant	II Medium variant with zero migration	III Constant total population	IV Constant age group 15-64	V Ratio 15-64/65+ not less than 3.0	VI Constant ratio 15-64/65 years or older
Period						
<i>A. Average annual net migration (thousands)</i>						
1995-2000	760	0	0	0	0	37
2000-2005	760	0	0	0	0	-13
2005-2010	760	0	0	0	0	3 620
2010-2015	760	0	0	0	0	10 741
2015-2020	760	0	0	833	0	14 869
2020-2025	760	0	0	1 322	0	17 751
2025-2030	760	0	0	1 007	6 063	14 715
2030-2035	760	0	49	161	2 916	7 369
2035-2040	760	0	301	-203	0	5 748
2040-2045	760	0	441	-37	0	13 570
2045-2050	760	0	486	512	0	30 144
Grand total 1995-2050	41 800	0	6 384	17 967	44 892	592 757
<i>B. Total population (thousands)</i>						
1995	267 020	267 020	267 020	267 020	267 020	267 020
2000	278 357	274 335	274 335	274 335	274 335	274 531
2005	288 379	279 936	279 936	279 936	279 936	280 080
2010	297 989	284 797	284 797	284 797	284 797	304 034
2015	307 727	289 513	289 513	289 513	289 513	367 238
2020	317 124	293 650	293 650	298 042	293 650	456 816
2025	325 573	296 616	296 616	308 408	296 616	566 888
2030	332 619	297 970	297 970	316 111	329 967	666 304
2035	338 231	297 711	297 970	318 086	348 236	729 948
2040	342 612	296 096	297 970	316 655	350 758	784 232
2045	346 173	293 589	297 970	314 961	351 701	879 016
2050	349 318	290 643	297 970	315 644	351 788	1 065 174
<i>C. Age group 15-64 (thousands)</i>						
1995	174 382	174 382	174 382	174 382	174 382	174 382
2000	183 752	180 843	180 843	180 843	180 979	180 979
2005	193 541	187 489	187 489	187 489	187 587	187 587
2010	201 725	192 357	192 357	192 357	205 815	205 815
2015	205 400	192 476	192 476	192 476	246 690	246 690
2020	206 151	189 404	189 404	192 476	302 926	302 926
2025	204 985	184 267	184 267	192 476	372 525	372 525
2030	204 570	179 882	179 882	192 476	437 730	437 730
2035	206 741	178 262	178 443	192 476	483 243	483 243
2040	209 942	177 872	179 180	192 476	524 402	524 402
2045	212 621	177 034	180 081	192 476	590 629	590 629
2050	213 695	174 607	179 699	192 476	712 305	712 305
<i>D. Potential support ratio 15-64/65 or older</i>						
1995	5.21	5.21	5.21	5.21	5.21	5.21
2000	5.28	5.21	5.21	5.21	5.21	5.21
2005	5.34	5.21	5.21	5.21	5.21	5.21
2010	5.13	4.95	4.95	4.95	4.95	5.21
2015	4.54	4.33	4.33	4.33	4.33	5.21
2020	3.91	3.67	3.67	3.72	3.67	5.21
2025	3.34	3.09	3.09	3.20	3.09	5.21
2030	2.98	2.71	2.71	2.87	3.00	5.21
2035	2.86	2.58	2.59	2.75	3.00	5.21
2040	2.85	2.58	2.60	2.74	3.01	5.21
2045	2.86	2.60	2.64	2.77	3.06	5.21
2050	2.82	2.57	2.63	2.74	3.04	5.21

TABLE A.16 (continued)

UNITED STATES OF AMERICA

Scenario	I	II	III	IV	V	VI
Period	Medium variant	Medium variant with zero migration	Constant total population	Constant age group 15-64	Ratio 15-64/65+ not less than 3.0	Constant ratio 15-64/65 years or older
<i>E. Age group 65 or older (thousands)</i>						
1995	33 477	33 477	33 477	33 477	33 477	33 477
2000	34 833	34 736	34 736	34 736	34 736	34 743
2005	36 259	36 005	36 005	36 005	36 005	36 012
2010	39 321	38 844	38 844	38 844	38 844	39 511
2015	45 246	44 472	44 472	44 472	44 472	47 358
2020	52 705	51 549	51 549	51 702	51 549	58 153
2025	61 347	59 687	59 687	60 143	59 687	71 515
2030	68 673	66 306	66 306	67 099	67 422	84 032
2035	72 400	68 991	69 000	70 024	71 102	92 769
2040	73 692	68 914	68 982	70 140	71 652	100 671
2045	74 293	67 972	68 149	69 513	71 277	113 385
2050	75 899	67 961	68 287	70 184	71 997	136 743
<i>F. Percentage in age group 65 or older</i>						
1995	12.5	12.5	12.5	12.5	12.5	12.5
2000	12.5	12.7	12.7	12.7	12.7	12.7
2005	12.6	12.9	12.9	12.9	12.9	12.9
2010	13.2	13.6	13.6	13.6	13.6	13.0
2015	14.7	15.4	15.4	15.4	15.4	12.9
2020	16.6	17.6	17.6	17.3	17.6	12.7
2025	18.8	20.1	20.1	19.5	20.1	12.6
2030	20.6	22.3	22.3	21.2	20.4	12.6
2035	21.4	23.2	23.2	22.0	20.4	12.7
2040	21.5	23.3	23.2	22.2	20.4	12.8
2045	21.5	23.2	22.9	22.1	20.3	12.9
2050	21.7	23.4	22.9	22.2	20.5	12.8
<i>G. Age group 0-14 (thousands)</i>						
1995	59 161	59 161	59 161	59 161	59 161	59 161
2000	59 771	58 756	58 756	58 756	58 756	58 808
2005	58 579	56 442	56 442	56 442	56 442	56 481
2010	56 943	53 597	53 597	53 597	53 597	58 708
2015	57 081	52 564	52 564	52 564	52 564	73 190
2020	58 268	52 697	52 697	53 864	52 697	95 737
2025	59 241	52 662	52 662	55 789	52 662	122 849
2030	59 376	51 782	51 782	56 536	60 280	144 543
2035	59 090	50 458	50 527	55 586	63 827	153 935
2040	58 978	49 310	49 807	54 038	63 390	159 158
2045	59 258	48 583	49 740	52 972	62 432	175 002
2050	59 724	48 075	49 984	52 984	60 967	216 127
<i>H. Potential support ratio in 2050 by age at entry into non-working-age population</i>						
Age						
65	2.82	2.57	2.63	2.74	3.04	5.21
70	4.09	3.71	3.79	3.97	4.36	8.20
75	6.12	5.47	5.59	5.86	6.40	13.13
80	9.76	8.59	8.79	9.20	10.05	22.01

NOTE: The six scenarios can be described briefly as follows:

- I – Corresponds to the medium variant of the official United Nations population projections (*World Population Prospects, 1998 Revision*).
- II – This scenario amends the medium variant by assuming no migration after 1995.
- III – This scenario keeps the total population figure constant at the highest level that it would reach in the absence of migration after 1995.
- IV – This scenario keeps the number of persons aged 15-64 constant at the highest level that it would reach in the absence of migration after 1995.
- V – This scenario prevents the ratio of persons aged 15-64 to persons aged 65 and above from falling below 3.0.
- VI – This scenario keeps the ratio of persons aged 15-64 and above at the highest level that it would reach in the absence of migration after 1995.

This scenario is considered to be demographically unrealistic.